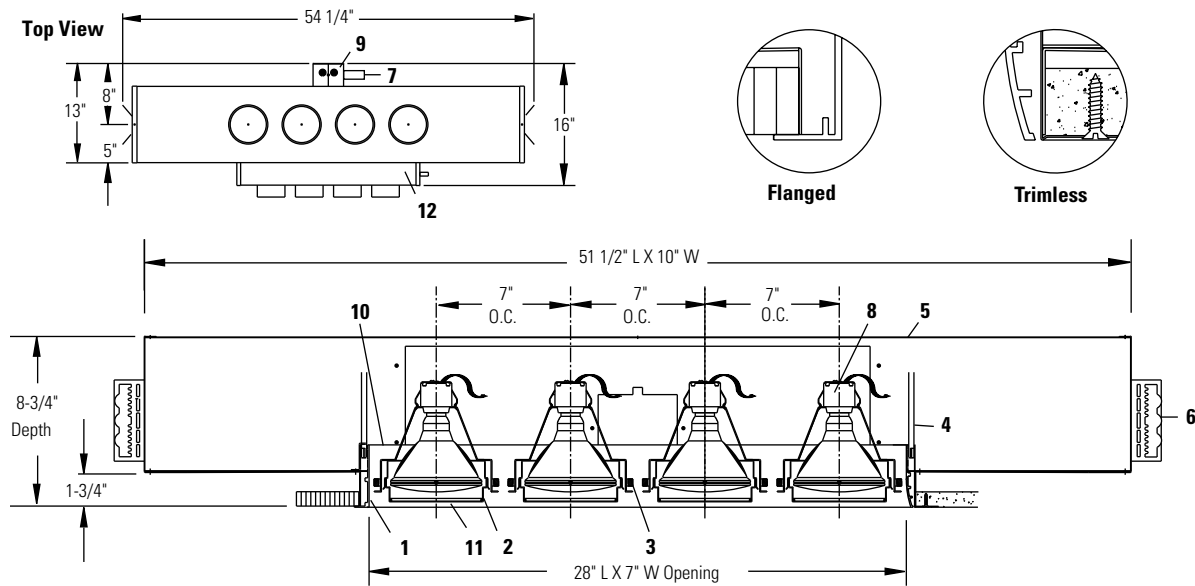


Calculite® ProSpec® Linear Downlight **PB4H3870**

Page 1 of 2

4 Light PAR38 MH Series B



PB4H3870BL = (Flanged) Black/White
PB4H3870WL = (Flanged) White

PB4H3870BTL = (Trimless) Black
PB4H3870WTL = (Trimless) White

Ceiling Cutout: 29 1/16" L x 8 3/16" W

Ordering Information: PAR38 Series B

| Cat. No. | Lamp | Ceiling Trim | Aperture Finish |
|--------------------|------------------|--------------|-------------------------|
| PB4H3870BL | (4) 70W PAR38 MH | Overlap | Black with White Flange |
| PB4H3870WL | (4) 70W PAR38 MH | Overlap | White with White Flange |
| PB4H3870BTL | (4) 70W PAR38 MH | Trimless | Black |
| PB4H3870WTL | (4) 70W PAR38 MH | Trimless | White |

Features

- Aperture Frame:** Provides clean support for lamp holders and overlapping flange or trimless installation. Extruded aluminum. Rigidly welded together on all corners.
- Media Cartridge:** Allows convenient loading and removal of up to one accessory. Easily installed and removed for lamping with a simple twisting motion. Constructed of formed aluminum.
- Adjustable Ring:** Allows 360° horizontal and 40° (on width) and 45° (on length) vertical adjustment.
- Tortiontite Spring:** For easy installation of aperture frame.
- Housing:** Die-formed 22 ga. steel. Finish: Black.
- Mounting Brackets:** Adjustable vertically from outside of housing.
- Thermal Protector:** Meets NEC, UL, and CSA requirements.
- Lampholder:** Porcelain medium based; nickel plated screw shell. 5KV pulse rated, prewired with #18 SF-1 leads to ballast housing.
- Junction Box:** 14 ga. steel, 4" x 3 1/2" x 2" box. Allows inspection from below.
- Lamp and Accessory Support:** .032" steel, flared for easy entry of Media Cartridge.
- Lens Retaining Ring:** .093" spring steel rod. Holds accessories in place.
- Housing:** Die-formed 18 ga. steel

Electrical

Electronic Ballast: Individual for each lamp. High Power Factor. Input watts: 78; line current: .67 amps. Accessible from below.
UL listed for through branch circuit wiring with maximum of (8) no. 2 AWG 90° C.

Finish

All painted finishes are powder coated baked enamel.

Options & Accessories

Accessories: 4 3/4" dia. Series filters, lenses, screens and louvers.
(2) accessories maximum, including lamp cover glass. Lamp guard glass may be replaced with solid glass accessory.

Labels

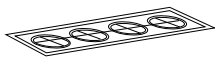
UL/cUL (Suitable for Damp Location), I.B.E.W.

US Patent Pending.

| Job Information | Type: |
|------------------|-------|
| Job Name: | |
| Cat. No.: | |
| Lamp(s): | |
| Notes: | |

Lightolier a Genlyte Thomas Company
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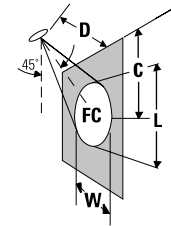
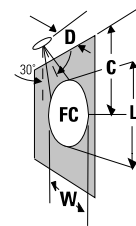
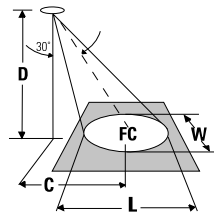
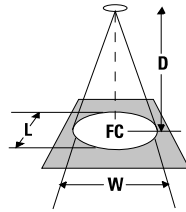
LIGHTOLIER®









Lighting Performance Data

- L** Beam length
W Beam width
C Distance to the center of the beam.
D Distance
A Aiming angle
FC Footcandles

L and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.
 Lamp data shown is typical, and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.



| Lamps | Beam Spread (To 50% CBCP) | CBCP | Rated Life (Hrs.) | 0° Aiming Angle | | | | 30° Aiming Angle | | | | | 30° Aiming Angle | | | | | 45° Aiming Angle | | | | |
|---|--|-------|----------------------|-----------------|-----|-------|-------|------------------|-------|-----|-------|-------|------------------|-------|-----|-------|-------|------------------|------|-----|------|--------|
| | | | | D | FC | L | W | D | C | FC | L | W | D | C | FC | L | W | D | C | FC | L | W |
|  70W PAR38 (MC/MH) SP |  15° | 50000 | 7500 | 15' | 222 | 3.9' | 3.9' | 10' | 5.8' | 325 | 3.5' | 3.0' | 5' | 8.7' | 250 | 5.6' | 2.6' | 8 | 8.0 | 276 | 4.3 | 3.0 |
| | | | | 20' | 125 | 5.3' | 5.3' | 15' | 8.7' | 144 | 5.3' | 4.6' | 8' | 13.9' | 98 | 8.9' | 4.2' | 12 | 12.0 | 123 | 6.4 | 4.5 |
| | | | | 25' | 80 | 6.6' | 6.6' | 20' | 11.5' | 81 | 7.1' | 6.1' | 11' | 19.1' | 52 | 12.2' | 5.8' | 16 | 16.0 | 69 | 8.6 | 6.0 |
| | | | | 30' | 56 | 7.9' | 7.9' | 25' | 14.4' | 52 | 8.8' | 7.6' | 14' | 24.2' | 32 | 15.6' | 7.4' | 20 | 20.0 | 44 | 10.7 | 7.4 9' |
|  70W PAR38 (MC/MH) FL |  26° | 18000 | 7500 | 8' | 281 | 3.5' | 3.5' | 7' | 4.0' | 239 | 4.2' | 3.6' | 3' | 5.2' | 250 | 6.2' | 2.7' | 5 | 5.0 | 255 | 4.7 | 3.1 |
| | | | | 12' | 125 | 5.3' | 5.3' | 10' | 5.8' | 117 | 6.0' | 5.1' | 4' | 6.9' | 141 | 8.3' | 3.5' | 7 | 7.0 | 130 | 6.5 | 4.4 |
| | | | | 16' | 70 | 7.1' | 7.1' | 13' | 7.5' | 69 | 7.8' | 6.7' | 5' | 8.7' | 90 | 10.4' | 4.4' | 9 | 9.0 | 79 | 8.4 | 5.6 |
| | | | | 20' | 45 | 8.9' | 8.9' | 16' | 9.2' | 46 | 9.6' | 8.2' | 6' | 10.4' | 63 | 12.5' | 5.3' | 11 | 11.0 | 53 | 10.3 | 6.9' |
|  70W PAR38 (MC/MH) WFL |  60° | 5000 | 7500 | 6' | 139 | 6.9' | 6.9' | 5' | 2.9' | 130 | 8.7' | 6.7' | 2' | 3.5' | 156 | * | 4.6' | 3 | 3.0 | 196 | 10.4 | 4.9 |
| | | | | 8' | 78 | 9.2' | 9.2' | 7' | 4.0' | 66 | 12.1' | 9.3' | 3' | 5.2' | 69 | * | 6.9' | 5 | 5.0 | 71 | 17.3 | 8.2 |
| | | | | 10' | 50 | 11.5' | 11.5' | 9' | 5.2' | 40 | 15.6' | 12.0' | 4' | 6.9' | 39 | * | 9.2' | 7 | 7.0 | 36 | 24.2 | 11.4 |
| | | | | 12' | 35 | 13.9' | 13.9' | 11' | 6.4' | 27 | 19.1' | 14.7' | 5' | 8.7' | 25 | * | 11.5' | 9 | 9.0 | 22 | 31.2 | 14.7 |

Data are based on bare lamp photometrics. Dashed lines in beam spreads indicate narrow axes of oval shaped beams.

FC is initial footcandles at center of beam.

L and **W** are to the point that the candlepower drops 50% of maximum.

Job Information

Type:

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www.lightolier.com

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